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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.	112025-020
First Inventor or Application Identifier	Marco Di Benedetto et al.
Title	RESTARTABLE SPANNING TREE FOR HIGH AVAILABILITY NETWORK SYSTEMS
Express Mail Label No.	EL705602029US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility application contentsADDRESS TO:
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **42**]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) [Total Sheets **12**]
4. Oath or Declaration [Total Pages **1**]
- a. ☒ Newly executed (original copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
(Note Box 5 below)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (Identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R. § 3.73(b) Statement (when there is ☒ Power of Attorney an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ *Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
(PTO/SB/09-12)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /

Prior application Information: Examiner Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label  or ☐ Correspondence address below

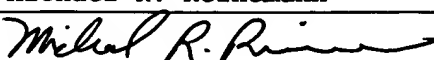
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Label here)

PATENT TRADEMARK OFFICE

Name	Michael R. Reinemann				
Address	Cesari and McKenna 88 Black Falcon Avenue				
City	Boston	State	MA	Zip Code	02210
Country	U. S. A.	Telephone	(617) 951-2500	Fax	(617) 951-3927

Name (Print/Type)	Michael R. Reinemann	Registration No. (Attorney/Agent)	38,280
Signature		Date	August 23, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Marco Di Benedetto et al.)
Serial No.: Not Yet Assigned) Examiner: Not Yet Assigned
Filed: August 23, 2000)
For: RESTARTABLE SPANNING TREE) Art Unit: Not Yet Assigned
FOR HIGH AVAILABILITY)
NETWORK SYSTEMS)
Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
August 23, 2000

EXPRESS-MAIL DEPOSIT

"Express Mail" Mailing-Label Number: EL705602029US

The following papers are being deposited with the United States Postal Service
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

X Patent Application (42 pages including 29 claims)
X Oath or Declaration X Fee Transmittal Letter
X Utility Patent Application Transmittal Letter X Assignment With Recordation Form
Cover Sheet
X Informal Drawing (12 sheets) X Check No. for \$930.00
X Check for \$40.00 X Express Mail Deposit

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

Complete If Known

Application Number	Not Yet Assigned
Filing Date	August 23, 2000
First Named Inventor	Marco Di Benedetto et al.
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	112025-0201

TOTAL AMOUNT OF PAYMENT (\$) 970

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237

Deposit Account Name Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Money ☐ Other Order

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	790	201	395	Utility filing fee	690
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)					690

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
29	20**	9	162
4	3**	1	78
Multiple Dependent			0

**or number previously paid, if greater; For Reissues, see below

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$) 240

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130 205	65	Fee Surcharge - late filing fee or oath				
127	50 227	25	Surcharge - late provisional filing fee or cover sheet				
139	130 139	130	Non-English Specification				
147	2,520 147	2,520	For filing a request for reexamination				
112	920 112	920*	Requesting publication of SIR prior to Examiner action				
113	1,840 113	1,840*	Requesting publication of SIR after Examiner action				
115	110 215	55	Extension for reply within first month				
116	400 216	200	Extension for reply within second month				
117	950 217	475	Extension for reply within third month				
118	1,510 218	755	Extension for reply within fourth month				
128	2,060 128	1,030	Extension for reply within fifth month				
119	310 219	155	Notice of Appeal				
120	310 220	155	Filing a brief in support of an appeal				
121	270 221	135	Request for oral hearing				
138	1,510 138	1,510	Petition to institute a public use proceeding				
140	110 240	55	Petition to revive - unavoidable				
141	1,320 241	660	Petition to revive - unintentional				
142	1,320 242	660	Utility Issue fee (or reissue)				
143	450 243	225	Design Issue fee				
144	670 244	335	Plant Issue fee				
122	130 122	130	Petitions to the Commissioner				
123	50 123	50	Petitions related to provisional applications				
126	240 126	240	Submission of Information Disclosure Stmt				
581	40 581	40	Recording each patent assignment per property (times number of properties)				40
146	790 246	395	Filing a submission after final rejection (37 CFR 1.129(a))				
149	790 249	395	For each additional invention to be examined (37 CFR 1.129(b))				
Other (specify)							
Other fee (specify)							
SUBTOTAL (3) (\$)							40

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name

Michael R. Reinemann

Signature

Michael R. Reinemann

Date

August 23, 2000

Complete (if applicable)

Reg. Number

38,280

Deposit Account User ID